

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040068.D
 Acq On : 01 Feb 2024 14:01
 Operator : JC/MD
 Sample : P1325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-04DR-451-013124

Quant Time: Feb 02 01:40:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

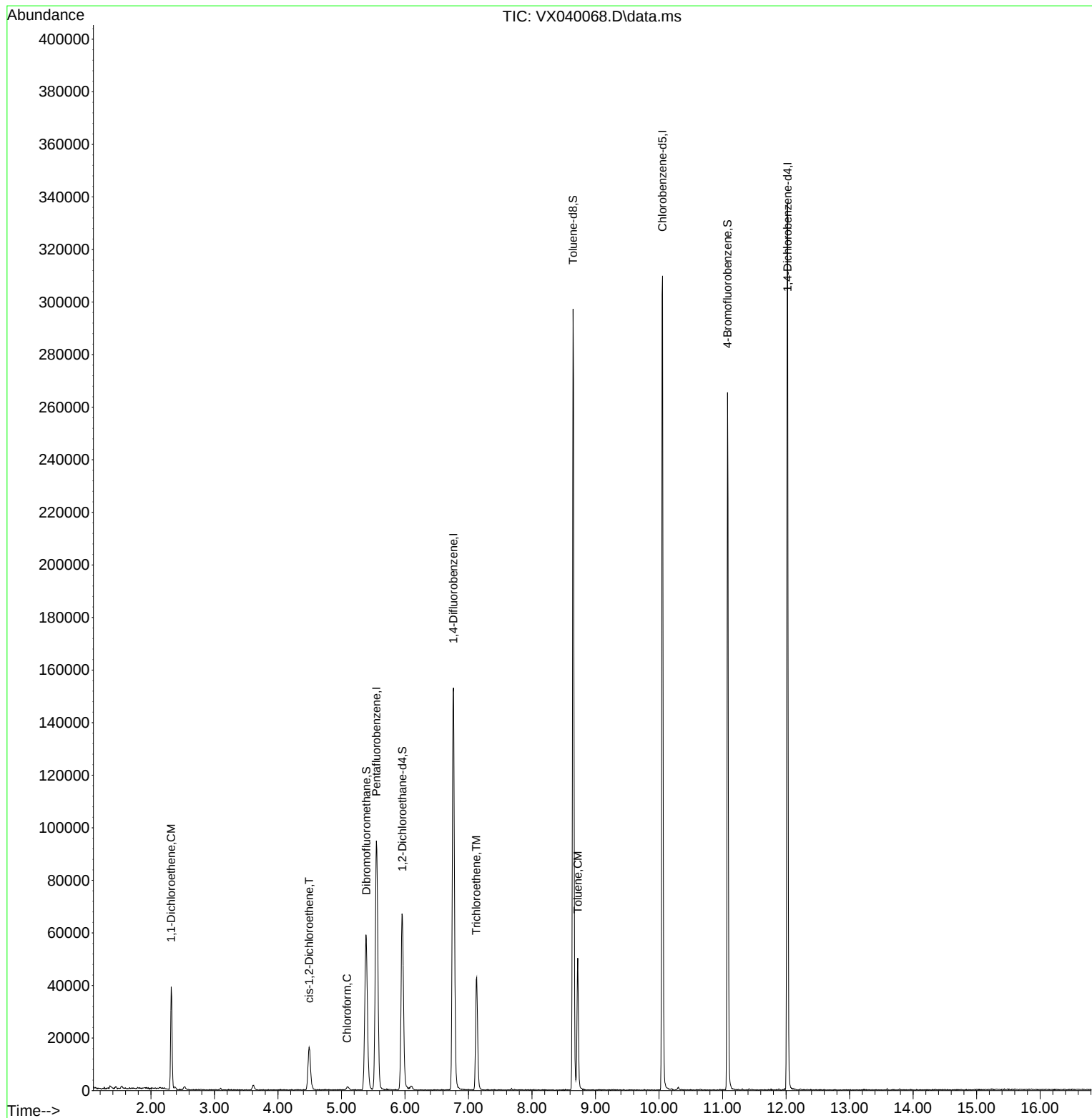
Internal Standards						
1) Pentafluorobenzene	5.550	168	84992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65263	47.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.420%
35) Dibromofluoromethane	5.391	113	51335	49.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	8.647	98	174103	44.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.740%#
62) 4-Bromofluorobenzene	11.079	95	69956	46.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	12090	12.647	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	10104	8.601	ug/l	86
30) Chloroform	5.086	83	1447	0.705	ug/l	95
44) Trichloroethene	7.122	130	15504	13.481	ug/l	94
52) Toluene	8.720	92	18212	6.686	ug/l	94

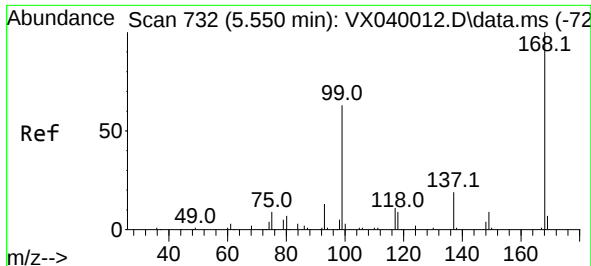
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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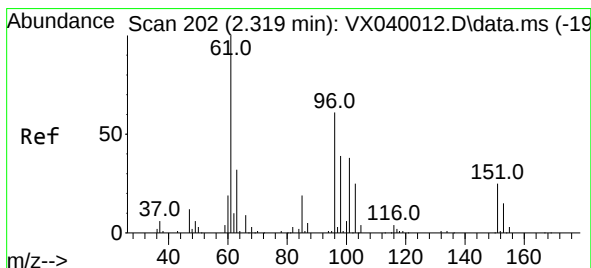
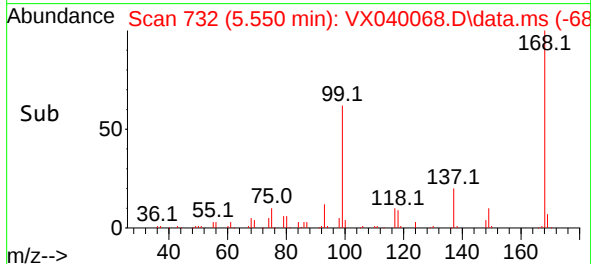
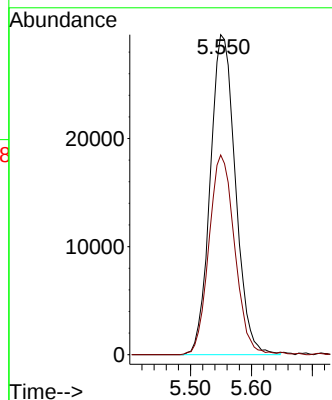
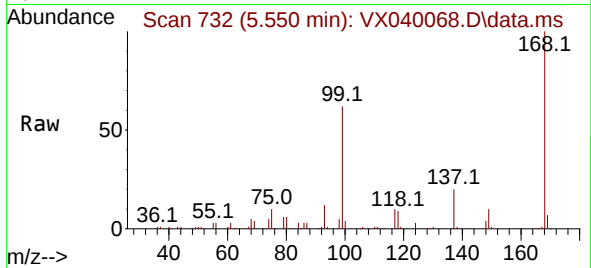




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

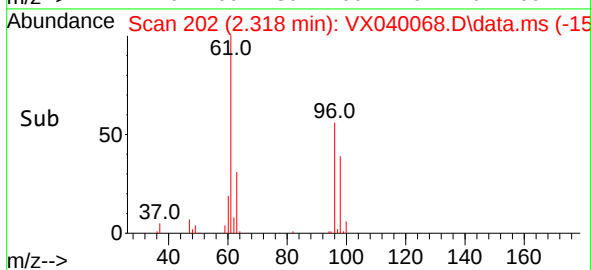
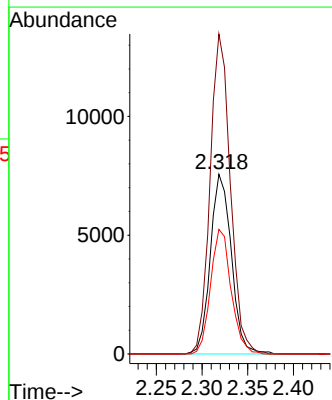
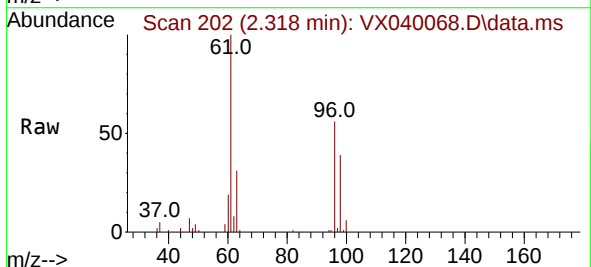
Instrument :
MSVOA_X
ClientSampleId :
BR-04DR-451-013124

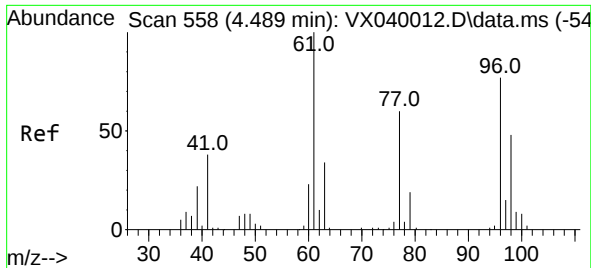
Tgt Ion:168 Resp: 84992
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#12
1,1-Dichloroethene
Concen: 12.647 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

Tgt Ion: 96 Resp: 12090
Ion Ratio Lower Upper
96 100
61 178.0 144.6 216.8
98 69.3 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 8.601 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX040068.D

Acq: 01 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

BR-04DR-451-013124

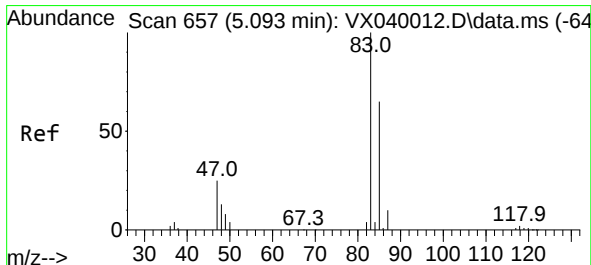
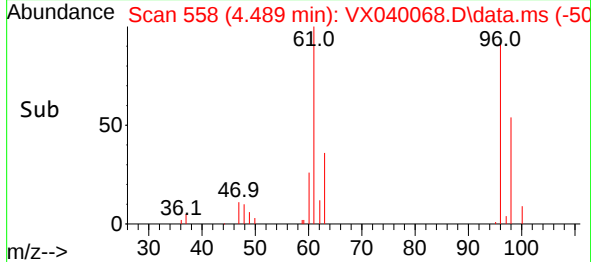
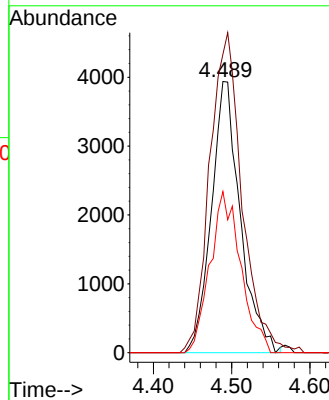
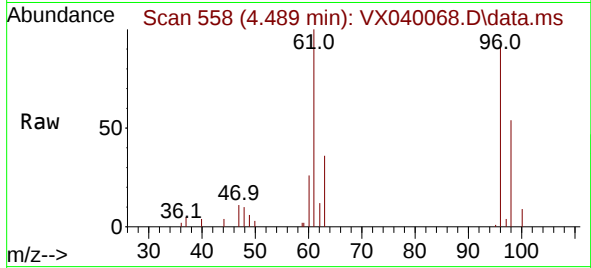
Tgt Ion: 96 Resp: 10104

Ion Ratio Lower Upper

96 100

61 131.7 0.0 312.2

98 63.0 0.0 129.0



#30

Chloroform

Concen: 0.705 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040068.D

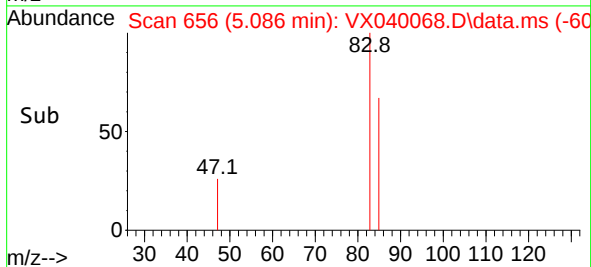
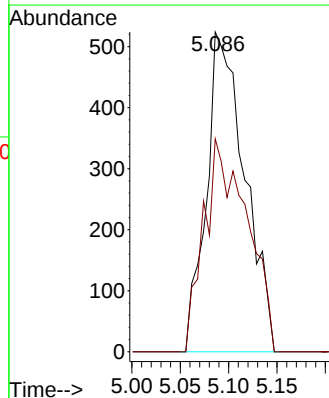
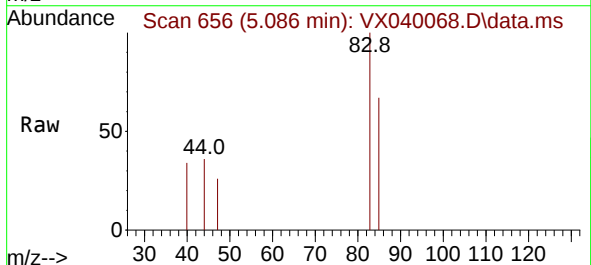
Acq: 01 Feb 2024 14:01

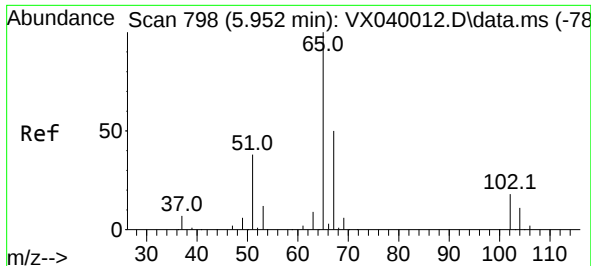
Tgt Ion: 83 Resp: 1447

Ion Ratio Lower Upper

83 100

85 66.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.712 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040068.D

Acq: 01 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

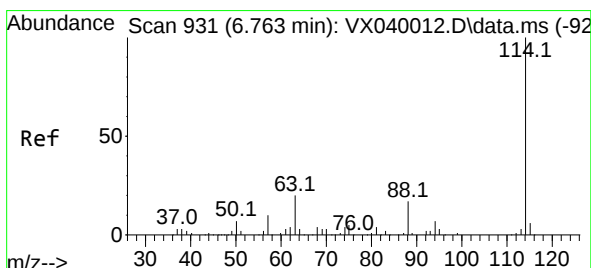
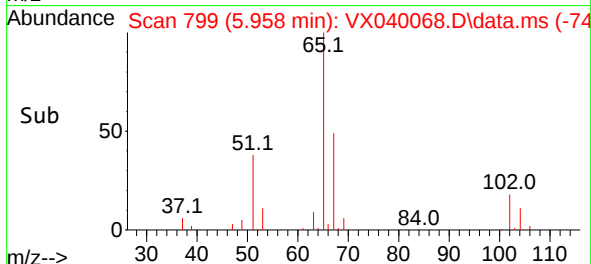
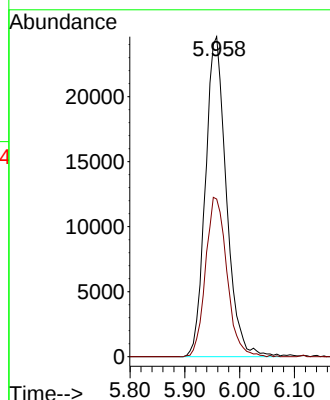
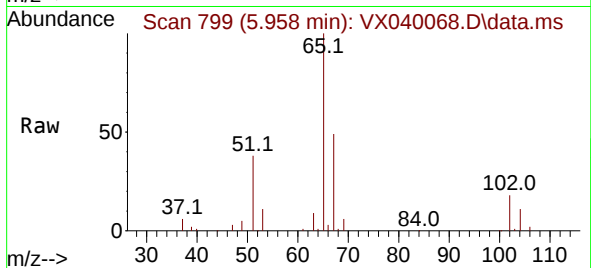
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Tgt Ion: 65 Resp: 65263

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040068.D

Acq: 01 Feb 2024 14:01

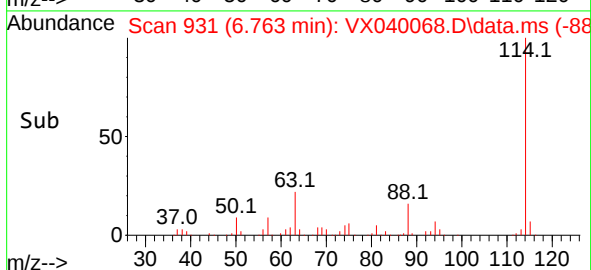
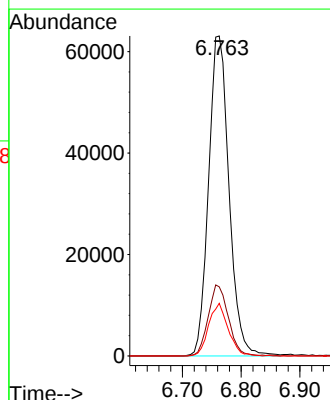
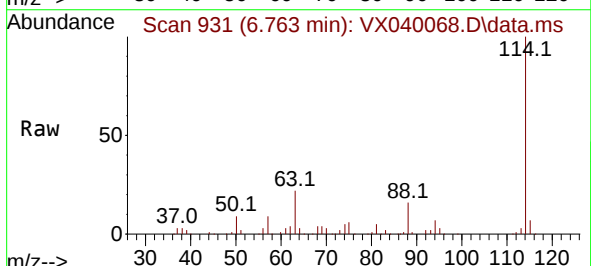
Tgt Ion: 114 Resp: 152408

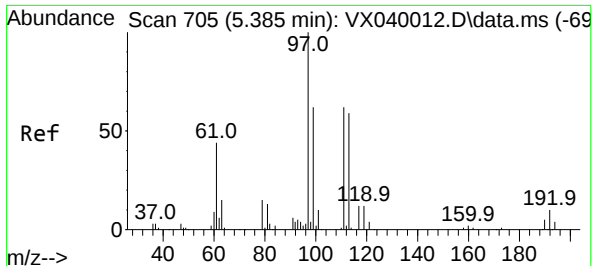
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.480 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040068.D

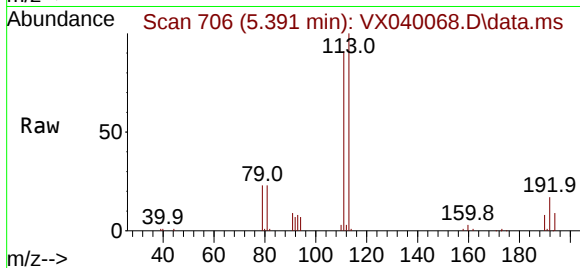
Acq: 01 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

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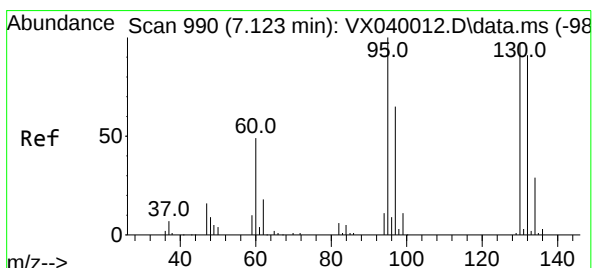
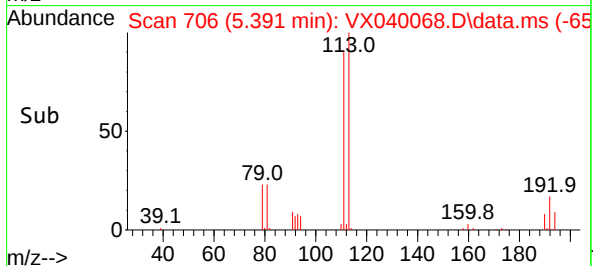
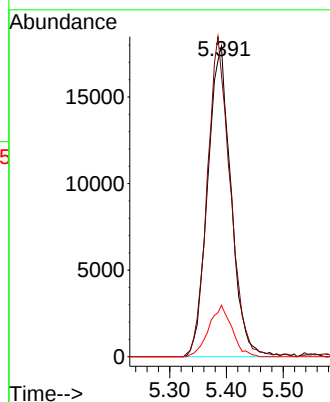
Tgt Ion:113 Resp: 51335

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

192 16.4 13.3 19.9



#44

Trichloroethene

Concen: 13.481 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040068.D

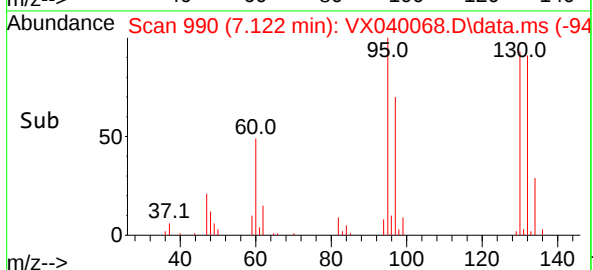
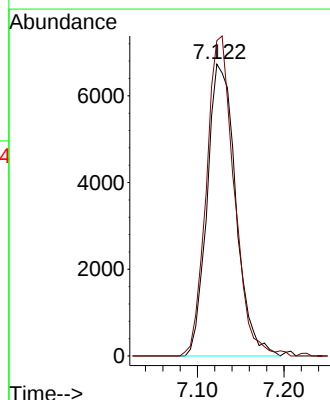
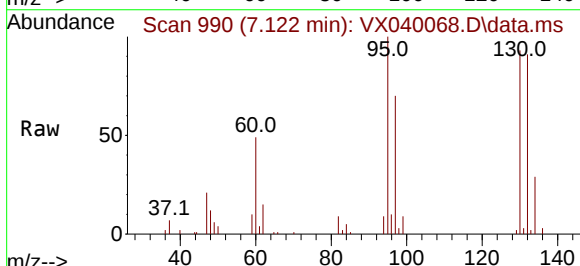
Acq: 01 Feb 2024 14:01

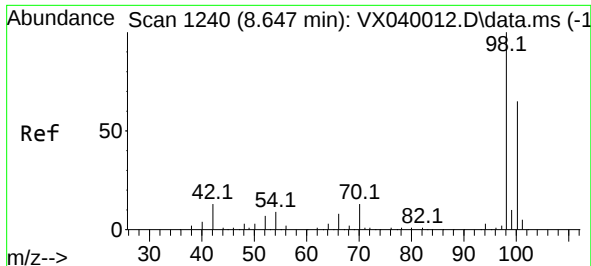
Tgt Ion:130 Resp: 15504

Ion Ratio Lower Upper

130 100

95 108.1 0.0 204.4

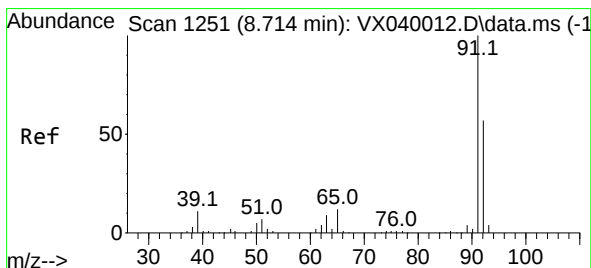
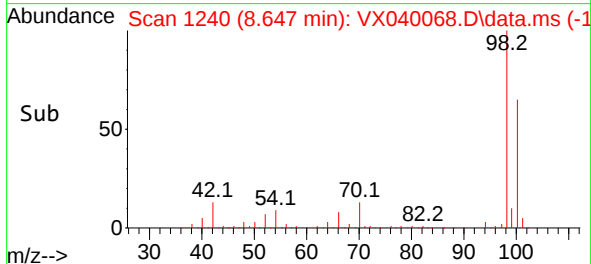
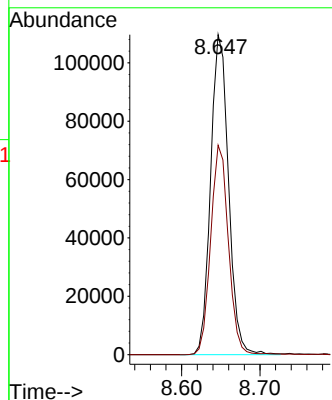
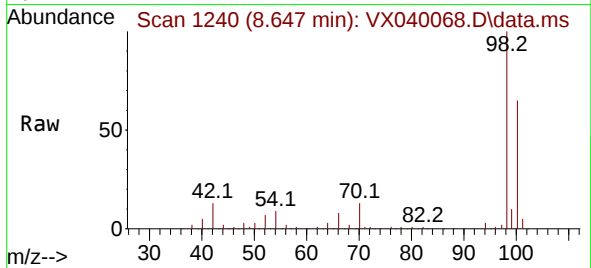




#50
Toluene-d8
Concen: 44.873 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

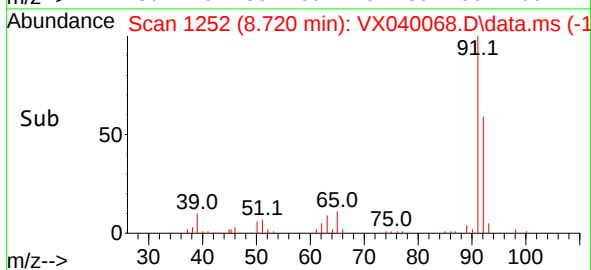
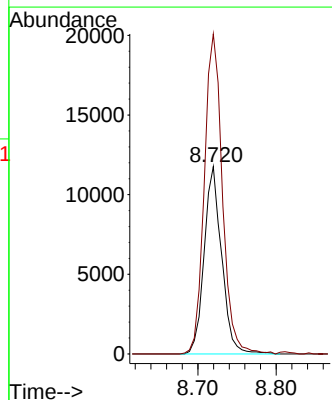
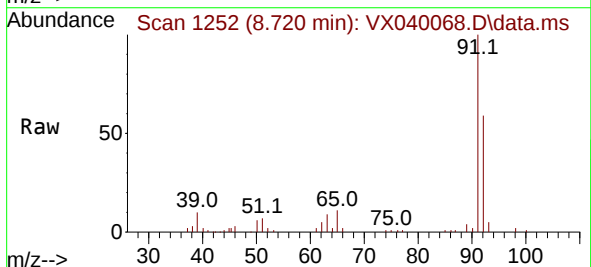
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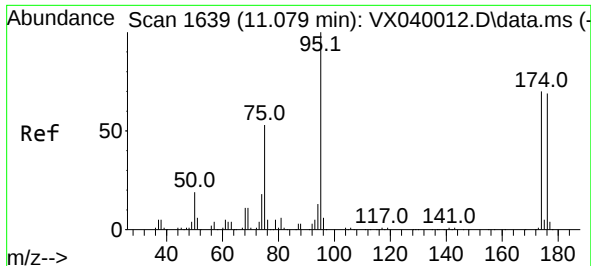
Tgt Ion: 98 Resp: 174103
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#52
Toluene
Concen: 6.686 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

Tgt Ion: 92 Resp: 18212
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2

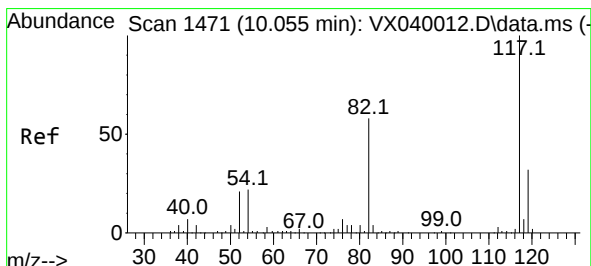
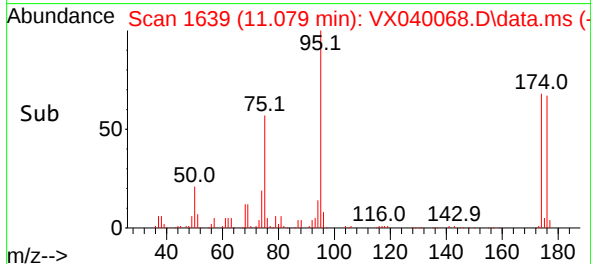
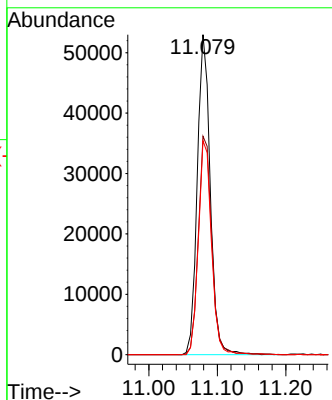
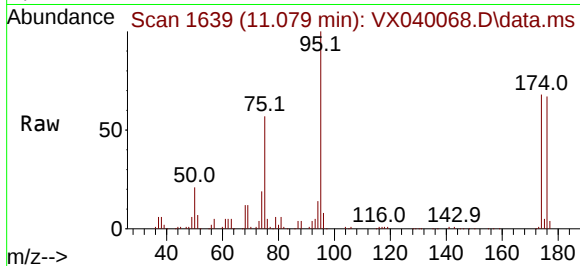




#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

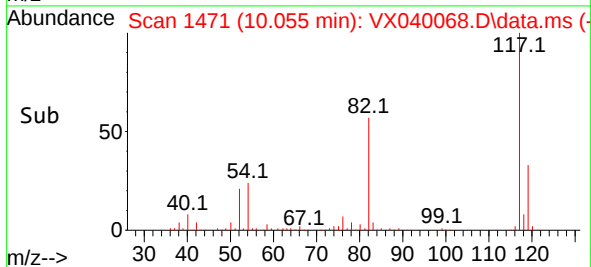
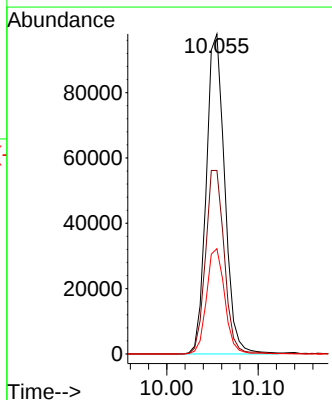
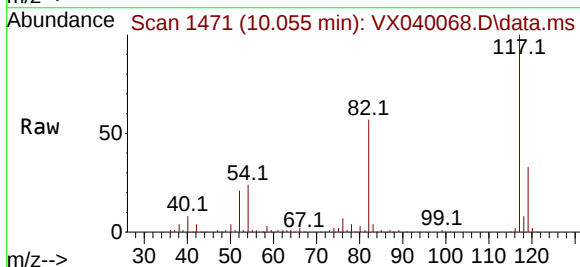
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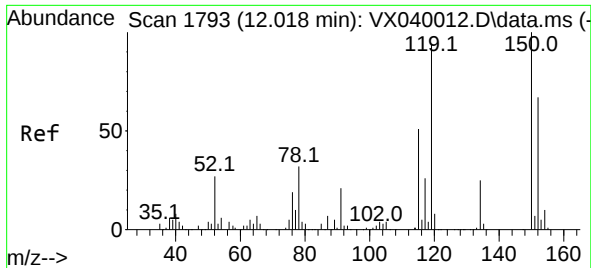
Tgt Ion: 95 Resp: 69956
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 67.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040068.D
Acq: 01 Feb 2024 14:01

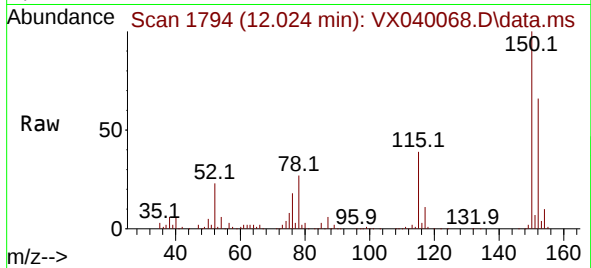
Tgt Ion: 117 Resp: 136886
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040068.D
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Instrument :
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Tgt Ion:152	Resp:	69762
Ion	Ratio	Lower Upper
152	100	
115	63.2	43.3 129.9
150	153.2	0.0 345.0

